

Abstract of the Disclosure

A confocal probe emits a scanning beam to a target and receives light returned therefrom to obtain an image thereof. The confocal probe has a chamber accommodating an optical system. The optical system includes an optical fiber through which a light beam is introduced to the optical system, a converging lens that converges the light beam introduced by the optical fiber, an optical element having a light incident surface, a first surface and a light emerging surface which statically define an optical path of the light beam, and a deflecting device mounted on the first surface of the optical element. The light beam enters the optical element through the light incident surface, enters the deflecting device through the first surface, and is dynamically deflected by the deflecting device. The deflected beam is output through the light emerging surface, as the scanning beam, toward the target.